



STATE OF WASHINGTON

DEPARTMENT OF ECOLOGY

P.O. Box 47600 • Olympia, Washington 98504-7600
(360) 407-6000 • TDD Only (Hearing Impaired) (360) 407-6006

March 4, 2003

To Aquatic Noxious Weed and Aquatic Nuisance Plant and Algae Permittees

Minor Permit Modification for Permit No. WAG-994000, Aquatic Nuisance Plant and Algae Control NPDES General Permit; and Permit No. WAG-993000, Aquatic Noxious Weed Control NPDES General Permit regarding Conditions for use of Diquat.

The above referenced permits have been modified to include Diquat Dibromide – 6,7-dihydrodipyrido(1,2-a:2',1''-c) pyrazinediium dibromine - (Reward®). Diquat is authorized for use in aquatic environments in Washington State to control submerged aquatic plants subject to all Federal Insecticide, Fungicide, Rodenticide Act (FIFRA) label requirements and the following conditions:


1. Treatment with Diquat is restricted to submersed plants, floating plants, and filamentous algae. A two-meter buffer from the shoreline must be used except for noxious weed control. Diquat is not allowed for use on emergent plants
2. Diquat treatments are subject to Washington Dept. of Fish and Wildlife timing tables when they become available.
3. No treatments are allowed where state and federal Endangered Species Act (ESA)-listed species may be present until the appropriate agencies are contacted and a mitigation plan is prepared to protect the species. Buffers and other protective measures must be employed for any known endangered plant species when necessary to protect them.
4. The following buffers apply unless otherwise mitigated through an approved Integrated Aquatic Vegetation Management Plan or if treating noxious weeds:
 - a. Flowing water (e.g., rivers, streams, canals): Do not apply within 1600 feet upstream of operating potable water intake sites.
 - b. Standing water (e.g., lakes, reservoirs): Do not apply within 1400 feet for rates at 2 gals/acre, or within 700 feet for rates at 1 gal/acre, or within 350 feet for rates equal to or less than 0.5 gal/acre of potable

water intake sites. For rates between 1 and 2 gal/acre, distance may be adjusted (e.g. $1 \frac{3}{4} = 1225$, $1 \frac{1}{2} = 1050$, $1 \frac{1}{4} = 875'$).

5. Except for early infestation of noxious weeds, the second treatment (and treatments thereafter) and whole lake treatments are only allowed under an approved integrated Aquatic Vegetation Management Plan.
6. A 24-hour swimming advisory must be posted at all public entry sites to the treatment area warning that exposure to treated water may result in eye irritation.
7. Although allowed by label, pouring Diquat concentrate into water directly from the container is prohibited.

Please contact Kathleen Emmett of my staff at (360) 407-6478 if you have any questions.

Sincerely,

A handwritten signature in black ink that reads "Megan White". The script is cursive and fluid, with the first name being more prominent than the last.

Megan White, P.E., Manager
Water Quality Program